

Environmental Protection Agency

Pt. 63, Subpt. NNNNN, Table 4

For each HCl process vent and each HCl storage tank and HCl transfer operation for which you are conducting a performance test, you must . . .	Using . . .	Additional Information . . .
1. Select sampling port location(s) and the number of traverse points.	a. Method 1 or 1A in appendix A to 40 CFR part 60 of this chapter.	i. If complying with a percent reduction emission limitation, sampling sites must be located at the inlet and outlet of the control device prior to any releases to the atmosphere (or, if a series of control devices are used, at the inlet of the first control device and at the outlet of the final control device prior to any releases to the atmosphere); or ii. If complying with an outlet concentration emission limitation, the sampling site must be located at the outlet of the final control device and prior to any releases to the atmosphere or, if no control device is used, prior to any releases to the atmosphere.
2. Determine velocity and volumetric flow rate	Method 2, 2A, 2C, 2D, 2F, or 2G in appendix A to 40 CFR part 60 of this chapter.	
3. Determine gas molecular weight	a. Not applicable	i. Assume a molecular weight of 29 (after moisture correction) for calculation purposes.
4. Measure moisture content of the stack gas	Method 4 in appendix A to 40 CFR part 60 of this chapter.	
5. Measure HCl concentration and Cl ₂ concentration from HCl process vents.	a. Method 26A in appendix A to 40 CFR part 60 of this chapter.	i. An owner or operator may be exempted from measuring the Cl ₂ concentration from an HCl process vent provided that a demonstration that Cl ₂ is not likely to be present in the stream is submitted as part of the site-specific test plan required by § 63.9020(a)(2). This demonstration may be based on process knowledge, engineering judgment, or previous test results.
6. Establish operating limits with which you will demonstrate continuous compliance with the emission limits in Table 1 to this subpart, in accordance with § 63.9020(e)(1) or (2).		

[68 FR 19090, Apr. 17, 2003, as amended at 71 FR 17747, Apr. 7, 2006]

TABLE 4 TO SUBPART NNNNN OF PART 63—INITIAL COMPLIANCE WITH EMISSION LIMITATIONS AND WORK PRACTICE STANDARDS

As stated in § 63.9030, you must comply with the following requirements to demonstrate initial compliance with the applicable emission limits for each affected source vented to a control device and each work practice standard.

For each . . .	For the following emission limit or work practice standard . . .	You have demonstrated initial compliance if . . .
1. HCl process vent and each HCl storage tank and HCl transfer operation for which you are conducting a performance test.	a. In Table 1 to this subpart	i. The average percent reduction of HCl and Cl ₂ (if applicable), measured over the period of the performance test conducted according to Table 3 of this subpart and determined in accordance with § 63.9020(b), is greater than or equal to the applicable percent reduction emission limitation specified in Table 1 of this subpart; or ii. The average HCl and Cl ₂ (if applicable) concentration, measured over the period of the performance test conducted according to Table 3 of this subpart, is less than or equal to the applicable concentration emission limitation specified in Table 1 of this subpart.

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For each . . .	For the following emission limit or work practice standard . . .	You have demonstrated initial compliance if . . .
2. HCl storage tank and HCl transfer operation for which you are preparing a design evaluation in lieu of conducting a performance test.	a. In Table 1 to this subpart	i. The percent reduction of HCl, demonstrated by a design evaluation prepared in accordance with § 63.9020(c), is greater than or equal to the applicable percent reduction emission limitation specified in Table 1 of this subpart; or ii. The HCl concentration, demonstrated by a design evaluation prepared in accordance with § 63.9020(c), is less than or equal to the applicable concentration emission limitation specified in Table 1 of this subpart.
3. Leaking equipment	a. In Table 1 to this subpart	i. You certify in your Notification of Compliance Status that you have developed and implemented your LDAR plan and submitted it to the Administrator for comment only .

TABLE 5 TO SUBPART NNNNN OF PART 63—CONTINUOUS COMPLIANCE WITH EMISSION LIMITATIONS AND WORK PRACTICE STANDARDS

As stated in § 63.9040, you must comply with the following requirements to demonstrate continuous compliance with the applicable emission limitations for each affected source vented to a control device and each work practice standard.

For each . . .	For the following emission limitation and work practice standard . . .	You must demonstrate continuous compliance by . . .
1. Affected source using a caustic scrubber or water scrubber/adsorber.	a. In Tables 1 and 2 to this subpart.	i. Collecting the scrubber inlet liquid or recirculating liquid flow rate, as appropriate, and effluent pH monitoring data according to § 63.9025, consistent with your monitoring plan; and ii. Reducing the data to 1-hour and daily block averages according to the requirements in § 63.9025; and iii. Maintaining the daily average scrubber inlet liquid or recirculating liquid flow rate, as appropriate, above the operating limit; and iv. Maintaining the daily average scrubber effluent pH within the operating limits.
2. Affected source using any other control device	a. In Tables 1 and 2 to this subpart.	i. Conducting monitoring according to your monitoring plan established under § 63.8(f) in accordance with § 63.9025(c); and ii. Collecting the parameter data according to your monitoring plan established under § 63.8(f); and iii. Reducing the data to 1-hour and daily block averages according to the requirements in § 63.9025; and iv. Maintaining the daily average parameter values within the operating limits established according to your monitoring plan established under § 63.8(f).
3. Affected source using no control device	a. In Tables 1 and 2 to this subpart..	i. Verifying that you have not made any process changes that could reasonably be expected to change the outlet concentration since your most recent performance test for an emission point.
4. Leaking equipment affected source	a. In Table 1 to this subpart.	i. Verifying that you continue to use a LDAR plan; and ii. Reporting any instances where you deviated from the plan and the corrective actions taken.

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